



Safety Data Sheet

SDS CODE.: TC-TE-RES-012:001 1/3

Version: A/2 Last update: 2020-08-25

Tinci (R) AQUAGEL C45

| 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY | | | | |
|---|---|--|---|-------------------------------|
| 1.1 | INCI Name: | | Polyquaternium-33 & C13-14 Isoparaffin & Laureth-7 | |
| 1.2 | CAS No: | | 69418-26-4 & 246538-79-4 & 3055-97-8 | |
| 1.3 | Chemical Classification: | | Cationic acrylamide-based polymer | |
| 1.4 | Dangerous Goods Classification: | | Not assessed. | |
| 1.5 | Company Details: | | | |
| | Manufacture/Supplier: | | Guangzhou Tinci Materials Technology Co., Ltd | |
| | Address: | | 8 th Kangda Road, Yunpu Industrial Zone, Huangpu District, GuangZhou,China | |
| | Telephone Number: | | (86 20)66601159 fax No.(86 20)82250169 | |
| | Emergency Telephone Number: | | (86 20)66601159 | |
| | Contact Person: | | Technical support engineer | |
| 1.6 | The date of taking effect: | | Aug. 2020 | |
| 2. COMPOSITION/INFORMATION ON INGREDIENTS | | | | |
| 2.1 | Chemical characterization: | | Mixture | |
| 2.2 | Physical Form: | | Emulsion | |
| 2.3 | Color: | | Yellowish translucent | |
| 2.4 | Odor: | | Slight, mild odor | |
| 2.5 | Use: | | Fabric softener additive | |
| 2.6 | Hazardous Ingredients: | | None | |
| | Chemical Name | CAS No | % (w/w) | Symbols & Health Risk Phrases |
| | Acrylamide | 79-06-1 | ≤100ppm | None |
| 3. HAZARDS IDENTIFICATION | | | | |
| 3.1 | Overall Hazard Classification: | N/R. | | |
| 3.2 | Emergency Overview: | Viscous liquid with slight, mild odor. Spills are very slippery. Avoid contact with eyes and clothing. Contact with eyes may produce irritation and/or redness. Inhalation of mist may cause respiratory irritation. Wear impervious gloves when handling. | | |
| 3.3 | Route of Exposure: | Skin, eye contact and accidental ingestion. | | |
| 3.4 | Possible Health Effects: | | | |
| | <u>Acute</u> | | | |
| | Eyes: | Prolonged or repeated eye contact may cause irritation and/or redness. | | |
| | Skin: | Prolonged or repeated skin contact may cause irritation. | | |
| | Inhalation: | May cause respiratory irritation. | | |
| | Ingestion: | Treat symptomatically. Get medical attention. | | |
| | <u>Chronic</u> | | | |
| 3.5 | Signs and Symptoms of Overexposure: | | | |
| 4. FIRST AID MEASURES | | | | |
| 4.1 | Eyes: | Immediately flush with water last for at least 15 minutes with eyelids open. Have eyes examined and treated by medical personnel. | | |
| 4.2 | Skin: | Remove contaminated clothing and footwear. Flush immediately with soap and water for at least 15 minutes. Wash contaminated clothing and footwear before reuse. | | |
| 4.3 | Inhalation: | Remove patient to fresh air. If symptoms persist, consult a physician. | | |
| 4.4 | Ingestion: | If swallowed, do not induce vomiting. Give victim a glass of water to drink. Consult a physician. Never give anything by mouth to an unconscious person. | | |
| 4.5 | Comments: | Treat symptomatically. | | |
| 4.6 | Note to physicians: | Treat symptomatically. | | |
| 5. FIRE FIGHTING MEASURES | | | | |
| 5.1 | Flammability: | None. | | |
| 5.2 | Autoignition: | None. | | |
| 5.3 | Flash Point: | > 100°C. | | |
| 5.4 | Explosion Hazard: | None. | | |
| 5.5 | Extinguishing Media: | Carbon dioxide, dry chemical or foam to extinguish. | | |
| 5.6 | Extinguishing Media Which Must Not Be Used: | Care must be taken when using water, as spilled product is extremely slippery when wet. | | |
| 5.7 | Special Exposure Hazards in A Fire | In a fire situation, may liberate oxides of nitrogen, sulfur or carbon. Keep containers cool by spraying with water if exposed to fire. | | |



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| 5.8 | Special Protective Equipment for A Fire: | Self-contained breathing apparatus should be worn. |
| 5.9 | Lower Explosion Limit: | Not applicable. |
| 5.10 | Upper Explosion Limit: | Not applicable. |
| 6. ACCIDENTAL RELEASE MEASURES | | |
| 6.1 | Personal Precaution: | Avoid contact with eyes and clothing. Do not take internally. |
| 6.2 | Environmental Precautions: | Avoid runoff into storm sewers and ditches which lead to waterways. Dike area to control runoff and collect spill in appropriate containers. Remove all ignition sources. |
| 6.3 | Spill and Leak Procedures: | Spills of this product are slippery. Absorb wet product on vermiculite or other inert material. Then water wash to waste treatment area to eliminate slip hazard of this material. |
| 7. HANDLING AND STORAGE | | |
| 7.1 | Handling: | Avoid contact with eyes and clothing. Wear impervious gloves. |
| 7.2 | Storage Conditions: | Avoid extremes of temperature, wet, damp or humid conditions and open systems to minimize vapor release and exposure. Expected shelf life if stored at recommended temperatures: 6 months. |
| 7.3 | Unsuitable Materials: Packaging | None established. |
| 8. EXPOSURE CONTROLS/PERSONAL PROTECTION | | |
| 8.1 | Industrial Standards | Hygiene |
| | <u>Ingredients</u> | <u>CAS No.</u> |
| | Acrylamide | 79-06-1 |
| 8.2 | Engineering Controls: | 5mg/m ³ |
| | | General ventilation is recommended. Eyewash and safety shower stations are recommended. |
| 8.3 | Personal Protective Equipment for Routine Handling | |
| | Respiratory protection: | Respiratory protection is not normally needed since volatility and toxicity are low. If significant vapors, mists, or aerosols are present, use proper respirator or equivalent. |
| | Eye protection: | Wear chemical splash goggles or face mask. |
| | Hand protection: | Wear impervious gloves. |
| | Clothing Requirements: | Uniforms, coveralls, or a lab coat should be worn. |
| | Change/Removal Of Clothing: | Remove contaminated clothing and launder before reuse. |
| | Wash Requirements: | Wash exposed areas with soap and water. |
| 9. PHYSICAL AND CHEMICAL PROPERTIES | | |
| 9.1 | Physical Form: | Emulsion |
| 9.2 | Color: | Yellowish translucent |
| 9.3 | Odor: | Slight mild odor |
| 9.4 | Solubility in water: | Completely soluble |
| 9.5 | Specific Gravity: | 1.0-1.1 |
| 9.6 | Solid content (%) | 40.0-45.0 |
| 9.7 | Viscosity (25°C, mPa·s): | 500-3000 |
| The above information is not intended for use in preparing product specifications. Contact Tinci before writing specifications. | | |
| 10. STABILITY AND REACTIVITY | | |
| 10.1 | Chemical Stability: | Stable under normal conditions. |
| 10.2 | Materials to Avoid: | Strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen and sodium or calcium hypochlorite. |
| 10.3 | Hazardous Decomposition Products: | Oxides of carbon, sulfur or nitrogen. Vapor may be irritating or harmful. |
| 11. TOXICOLOGICAL INFORMATION | | |
| 11.1 | Possible Health Effects: | Refer to Section 3.4 |
| 11.2 | Carcinogenic Effects: | Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH. |
| 11.3 | Irritancy and Corrosiveness: | May be irritating to skin and eyes on prolonged exposure. No evidence of corrosiveness. |
| 11.4 | Empirical Data on Effects on Humans: | Considered non toxic in normal use. |
| 12. ECOLOGICAL INFORMATION | | |
| 12.1 | Potential To Bio-accumulate: | Unknown. |
| 12.2 | Aquatic Toxicity: | None Established. |



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| 13. DISPOSAL CONSIDERATIONS | | |
|---|--------------------------|--|
| 13.1 | Disposal Method: | Recycle if possible. If not, absorb spilled material on inert absorbent and dispose of solidified material in accordance with local or other applicable laws and regulations. |
| 14. TRANSPORT INFORMATION | | |
| 14.1 | Road and Rail Transport: | Not assessed. |
| 14.2 | Sea Transport(IMDG): | Not subject to IMDG code. |
| 14.3 | Air Transport(ICA0): | Not subject to ICAO regulations. |
| 15. REGULATORY INFORMATION | | |
| 15.1 | Applicable Laws: | Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals. |
| 15.2 | Chemical Inventories: | |
| | AICS: | All ingredients listed or exempt. |
| | DSL: | All chemical substances in this material are included on or exempted from the DSL. |
| | MITI: | All components are listed on ENCS or its exempt rule. |
| | KECL: | All ingredients listed, exempt or notified. |
| | EINECS: | All ingredients listed or exempt. |
| | TSCA: | All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances. |
| | Contact Point: | Technical Services Engineer (86 20)66601159 |
| | Prepared by: | Guangzhou Tinci Materials Technology Co., Ltd. |
| This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. | | |

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